

**CONTROLLER FOR A CONTINUOUSLY VARIABLE TRANSMISSION**

**ABSTRACT:**

A clamp pressure controller for a variable ratio belt drive system for a generator is provided. The controller monitors the voltage at the output of the generator. If this falls the  
5 controller increases the clamp pressure so as to prepare the drive system for the additional torque/force it will be required to transmit. The increase in clamp pressure is rapid so as to prevent belt slip from occurring.

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